CLAIMS

1. Glazing system for buildings, comprising a number of module elements (1) arranged to be joined to parts that are part of a building without intermediate framework, which parts may be facades, glazings, roofs or partition walls which are supported by the frame (18) of the building where the elements each comprises a sheet (3) such as of glass, which sheet, when it is a part of the intended building part, is joined with the frame (18) of the building by means of supporting elements (22) arranged in such a way that the sheet is supported at its downwards facing edge by the same for absorbing the weight of the module element and for retaining in an intended position in relation to the frame against forces, which may strive to bring the respective element out of this intended position, by means of attachment devices (23) supported by the frame, which each one is arranged to be joined with the sheet by means of attachment elements (12), which are U-shaped and form a groove (33) arranged to grip around an edge (9) of the sheet, characterized in, that the attachment elements (12) are arranged with organs (38) for coupling the attachment elements to the coupling organs (43) on the respective retaining device (23) for thereby connecting the attachment element with the frame (18), where the module elements (1) are arranged with the attachment elements (12) attached before being mounted on the building frame, which thus form a handling protection against damages on the edge of the sheet (3), and with said retaining devices (23) arranged to be mounted on the frame (18) and then with their coupling organs (43) brought in positions corresponding to those positions, which the coupling organs (38) shall take to the attachment elements (12) of the respective sheet (3) when the sheet is positioned in said intended position, such that the module elements (1) may be mounted from the inside of the building part by connection of the coupling organs, the associated respective

retaining devices (23), with the coupling organ (38) of the respective attachment element (12).

2. Glazing system for buildings according to claim 1, characterized in, that the frame (18) is arranged with connection units (20), which each one is attached to the frame and is equipped partly with said supporting element (22), which are arranged to support the respective lower edge (8) with one of the ends of two sheets (3) which side edges (9) are adjacent to each other, which sheet's corners thus are positioned close by the connection unit and partly equipped with said retaining devices (23) which are arranged to, with their coupling organs (43), be coupled to the coupling organs (38) belonging to the attachment elements (12) on said adjacent sheets (3) and/or the sheets that are positioned closest above these sheets.

3. Glazing system according to claim 2, characterized in, that the retaining devices (23) comprise arms (42), which extend out from the respective connection unit (20) with the arms (42) at its outer edges at a distance from the connection unit (20) arranged with said coupling organ (43) for connection to the coupling organs (38) of the attachment elements (12), which are placed on said sheets (3) positioned with its corners close by the connection unit in question, such that the connection unit (20), at a placement in the intersection point between four adjacent module elements, provides for support against gravitational forces from two module elements placed above it, and retaining of these and/or the module elements placed beneath, against forces directed inwards against and outwards from the building frame.

4. Glazing system according to any of the claims 1-3, characterized in, that the attachment elements (12) consist of a hard material such as metal and are U-shaped with an outer flange part, formed by a main part (34) of the attachment element, and with a flange (35)

that is united with the main part by means of a waist (36), which between themselves form said groove (33), arranged to grip around an edge of the sheet (3) of the module element, with the surface of the main part situated inside the groove opposite to the surface of the sheet that faces the frame (12) and the surface of the flange situated inside the groove which surface is opposite to the surface of the sheet that faces outwards from the frame, where the surfaces inside the groove are formed to be in contact with the sheet along contact lines which are opposed to each other at a distance from the edge of the sheet, while the groove outside these contact lines in a direction against the waist of the attachment element has a play (41) between the sheet and the hard material of the attachment element.

5. Glazing system according to claim 4, characterized in, that the flange (35) of the attachment element (12) is made in such a way that its outer edge is in contact with the surface of the sheet (3), but leaves said play (14) to the same at its part connected to the waist (36) and that the flange is dimensioned to admit a certain spring action, thus acquiring a limitation of the break forces at angular movements between the attachment element and the sheet by partly the play (41) between the surfaces of the sheet and the attachment element and partly by the possibility of outwards springing of the flange.

6. Glazing system according to any of the preceding claims, characterized in, that the connection between the connection unit (20) and respective attachment element (12) via the retaining device (23) are made with a possibility for movement adjustment for adaptation of the coupling organs (43) of the arms (42) to the present position of the coupling organ (38) of the corresponding attachment element (12).

7. Glazing system according to any of the preceding claims, characterized in, that the connection unit (20) has the form of a head (25) equipped with said supporting element (22) and with attachments

(46) for said arms (42) belonging to the retaining device, and also is arranged with organs (37) for attachment at the outer end of distance elements (18), which extend outwards from the actual building frame in order to provide the glass wall with a detached position in relation to the actual building frame.

8. Glazing system according to any of the preceding claims, characterized in, that the module elements (1) each comprises a sheet (2) such as of glass intended to be a part of the outer surface of a wall part with one of its surfaces, and said sheet (3) such as of glass, which is intended to be a part of the inner part of the wall part with one of its surfaces, together with the two sheets with surfaces opposed to said surfaces joined around a frame (14) to form the module element, which then comprises an interspace between its latter surfaces, where the frame at least at certain edges of the module element is indented from the edges of the sheets, such that a groove (5, 10) is formed along the edges in question, which at the side edges (9) of the element are formed to house the parts (35) of the attachment elements (12) which are placed outwards from the frame (18).